

KERALA PUBLIC SCHOOLS  
HOME ASSIGNMENT (1<sup>ST</sup> NOV TO 13<sup>TH</sup> 2021 )



CLASS	SUBJECT	TOPIC / CHAPTER	MODULE / ASSIGNMENT	REFERENCE LINKS
IX	ENGLISH LANG	COMPOSITION (1.11.2021)	Write a short story to justify the theme: 'Failures are stepping stones to success'. <u>OR</u> Describe an incident in your life ,which you still recall with happiness.	<a href="https://www.youtube.com/watch?v=RFwui6V32nc">https://www.youtube.com/watch?v=RFwui6V32nc</a>
		TOTAL ENGLISH BOOK 9  CONDITONAL SENTENCES (3.11.2021)	ASSIGNMENT (PG 184 & 185)	<a href="https://www.youtube.com/watch?v=-Sy-ZcdwMNE">https://www.youtube.com/watch?v=-Sy-ZcdwMNE</a>
		CONDITONAL SENTENCES (9.11.2021)	<u>Rewrite the sentences ,beginning with 'unless'.</u>  1.If you touch fire,it will burn you. 2.If you do not take your medicine regularly,you will not get better. 3.If you are careful in your diet,you will be healthy. 4.If nobody wants this,I'll throw it away. 5.If you do not agree,I shall not sign the document	<a href="https://www.youtube.com/watch?v=-Sy-ZcdwMNE">https://www.youtube.com/watch?v=-Sy-ZcdwMNE</a>
		LETTER WRITING (13.11.2021)	You have borrowed a bicycle from a friend,but while in your care,it has been damaged.Write a letter to your friend saying that you are sorry and explaining to him (or her) what damage has been done and how it all happened.	<a href="https://www.youtube.com/watch?v=5aAHtNHgZBM">https://www.youtube.com/watch?v=5aAHtNHgZBM</a>
IX	Eng Literature	The Merchant of Venice Act 3 Scene i	<u>Salanio:</u> I would she were as lying a gossip in that as ever knapped ginger or made her neighbours believe she wept for the death of a third husband.  Whom does 'she' refer to in the first line of the extract? What is said about her in the extract? What was said earlier about the place	<a href="https://youtu.be/w/s6VNJ_ezVw">https://youtu.be/w/s6VNJ_ezVw</a>

where a ship of Antonio was wrecked?  
Where did the news about the ship-wreckage spread?  
What feelings for Antonio are expressed by Salarino and Salanio in this extract?  
How does Shylock react to the loss of Antonio's ship?

Shylock:

There I have another bad match: a bankrupt, a prodigal, who dare scarce show his head on the Rialto; a beggar, that was used to come so smug upon the mart; let him look to his bond: he was won't To lend money for a Christian courtesy; let him look to his bond.

1. What is meant by 'bankrupt' as well as 'prodigal'? Why has the man gone bankrupt? Why is he called a prodigal?
2. What is known as Rialto? Why was the man said to go 'so smug upon the mart'?
3. How did the 'bankrupt' cause loss to Shylock in Venice?
4. How is the bankrupt likely to go into a loss? How will such a loss affect Shylock as far as his revenge and financial position is concerned?

Shylock:

Why thou loss upon loss! the thief gone with so much, and so much to find the thief, and no satisfaction, no revenge: nor no ill luck stirring but what lights on my shoulders; no sighs but of my breathing; no tears but of my shedding.

**1. Who is the thief referred to in the extract? What had the thief stolen? What loss has Shylock suffered due to the theft?**

2. Who is Tubal? Why did he go to Genoa?

3. What news did Tubal bring from Genoa about the thief?

			4.State what ill luck befell Antonio. Why was Shylock happy over the news?	
IX	MATHEMATICS	<b>TRIGONOMETRY</b> 15.11.2021  16.11.2021	<b>MODULE</b> EX 17 (que no: 1,3,5,7,9,11,13,15,17,19)  (que no: 21,23,25,27,29,31,33)	<a href="https://www.youtube.com/watch?v=kMzQjLA9fA">https://www.youtube.com/watch?v=kMzQjLA9fA</a>  <a href="https://www.youtube.com/watch?v=3FpPAuhds-Q">https://www.youtube.com/watch?v=3FpPAuhds-Q</a>
		<b>MENSURATION</b> 17.11.2021  18.11.2021  19.11.2021  20.11.2021	<b>MODULE:</b> EX 16.1 (que no: 4, 7, 10, 13, 15,20,21)  EX 16.2 (que no: 3, 6, 9, 10, 15, 16, 18, 21, 25, 27, 29, 34, 38, 40 , 43, 45 ,48  EX 16.3 (que no: 5, 8, 12, 15, 17, 21, 23, 28, 35, 36, 37)  EX 16.4 (que no: 2, 5, 6, 9, 11, 15, 19, 21, 26, 27)	<a href="https://www.youtube.com/watch?v=xs5mt9R9Bq0">https://www.youtube.com/watch?v=xs5mt9R9Bq0</a>  <a href="https://www.youtube.com/watch?v=wxHWOrZRKZo">https://www.youtube.com/watch?v=wxHWOrZRKZo</a>  <a href="https://www.youtube.com/watch?v=x4vk19hg1Sg">https://www.youtube.com/watch?v=x4vk19hg1Sg</a>
		<b>RECTILINEAR FIGURE</b> 23.11.2021  26.11.2021	<b>MODULE:</b> EX 13.1 (que no: 2,5, 8, 9, 12, 15, 17, 19, 21, 23) EX 13.2 (que no: 2, 4, 7, 10, 12, 15, 18, 20, 22, 24)	<a href="https://www.youtube.com/watch?v=M4OjXaxRiWQ">https://www.youtube.com/watch?v=M4OjXaxRiWQ</a>  <a href="https://www.youtube.com/watch?v=jC53DOz23xQ">https://www.youtube.com/watch?v=jC53DOz23xQ</a>
IX	<u>PHYSICS</u>	<u>REFLECTION OF LIGHT</u>	<u>SPHERICAL MIRRORS, IMAGE FORMATION AND USES</u>  <u>Ex 7C</u> Q. No. 2, 3, 6, 7, 8, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 31, 32, 33, 35.	
IX	<u>Chemistry</u>	<u>Study of Gas Laws</u>	1.Fill in the blanks A) The average kinetic energy of the molecule of a gas is proportional to the _____. B) The temperature on the Kelvin scale at which molecular motion completely ceases is called _____.	

			<p>C) If the temperature is reduced to one half, the _____ would also reduce to one half.</p> <p>D) The melting point of ice is _____ Kelvin.</p> <p><b>2. Give reasons for the following :</b></p> <p>A) All temperatures in the absolute (Kelvin) scale are in positive figure.</p> <p>B) Gases have lower densities compared to solid or liquid.</p> <p>C) Gases exert pressure in all the directions.</p> <p>D) It is necessary to specify its pressure and temperature while stating volume of a gas.</p> <p>E) Inflating a balloon seems to violate Boyle's law.</p> <p>F) Mountaineers carry oxygen cylinder with them.</p>	
IX	Biology	Skin – Jack of all trades	<p>N.B. All the assignments have to be done in the copy.</p> <p><u>Module 1:</u> Topic - Introduction I. Answer the questions: 1. Mention any two functions of skin.</p> <p><u>Module 2:</u> Topic – Structure of skin I. Answer the followings: 1. What are the different layers of epidermis of the skin? Mention their functions. 2. What are the two abnormal conditions of the skin pigmentation? 3. What are the different derivatives present in the dermis of the skin. 4. Define i. Piloerection. ii. Pimple</p> <p>.5. Mention one difference between : i. Leucoderma and albinism [ definition] ii. Meibomian gland and ceruminous gland [ location] iii. Acne and black head [ definition]</p> <p><u>Module 3:</u></p>	<p><a href="https://youtu.be/75ULKmaL-yw">https://youtu.be/75ULKmaL-yw</a></p> <p><a href="https://youtu.be/vjhsyS4ITW0">https://youtu.be/vjhsyS4ITW0</a></p>

			<p>Topic: Heat regulation of the body</p> <p>1.Mention the difference between the following:</p> <p>i. Poikilothermal and homeothermal  ii. Hibernation and aestivation  iii. Vasoconstriction and vasodilation</p>	
IX	Geography	Ch-9	<p>1.Define- a) Humus. b)Soil Profile</p> <p>2.Distinguish between-</p> <p>a) Mechanical weathering  b) Chemical Weathering  c) Weathering and Erosion</p> <p>3. Answer the following questions:-</p> <p>a) What is meant by exfoliation?  b) Describe the role of plants and animals as agents of weathering.  c) How is frost action responsible for weathering of rocks?  d) Explain why landslides are common in mountainous areas?</p>	
		Chp-11 Oceans	<p>1.Answer the following questions:-</p> <p>a) State the importance of Hydrosphere?  b) Give four importance of Oceans.  c) What is meant by salinity of ocean water?</p> <p>2.Give reasons:-</p> <p>a) Coastal areas enjoy moderate climate.  b) Greater extremes of climates are experienced in the northern hemisphere.</p>	
IX	Computer		<p>Q1. What will be the output of the following program? [write dry run for all ]</p> <pre> class ForSample {      public static void main(String s[])     {         for(int i = 0; i &lt;= 5; i++ )         {             System.out.println("i = " + i );         }          System.out.println("i after the loop = " + i );     } </pre>	

}Q2. What will be the output of the following program?

```
class ForSample
{
    public static void main(String s[])
    {
        for(int i = 10; i <= 5; i-- )
        {
            System.out.println("i = " + i);
        }
    }
}
```

q3. class Factorial

```
{
    public static void main(String s[])
    {
        int number = 5;

        int factorial = 1;

        for(int i = 2; i <= number; i++ )
        {
            factorial *= factorial;
        }

        System.out.println("Factorial of 5
is " + factorial);
    }
}
```

Q4. class result

```
{
    public static void main(String s[])
    {
        int number = 8,sum=0;

        for(int i = 2; i <= number; i++ )
        {
            sum=sum+i;
            i++;    }

        System.out.println("sum of series
is" + sum);
    }
}
```